October 23, 2020

Announcements

Congrats, Chuanhong (Vincent) Liu, on earning a QISE-NET award!

Our Lab Votes
Catalysts for Science Policy (CaSP) is an organization of graduate students and postdocs interested in promoting science literacy and civic engagement at UW-Madison. They are working on improving voter turnout among STEM students.

Ombuds
Ombuds are available to help all employees (and grad students!) that are dealing with work related challenges. It is a safe place where you can seek guidance regarding workplace concerns at any time.

Join the Chicago Quantum Exchange trainee listserv
If you'd like to receive CQE updates for trainees, such as job seminars or postdoc opportunities, then email sympa@lists.uchicago.edu with the subject: subscribe trainees_cqe firstname lastname [replace “firstname” and “lastname” with your first and last names, respectively]

Quantum Economic Development Consortium (QED-C)
The Quantum Economic Development Consortium (QED-C) quantumconsortium.org is collecting information from students at member universities who are interested in internships or full-time jobs at QED-C member companies. The information will be shared with members through the QED-C member-only website. If you'd like to have your information made available to companies, please complete this brief survey and upload your resume. Once we have received responses, we will share this with QED-C directly.

Thesis Defenses

Circuit Quantum Electrodynamics with Si/SiGe Quantum Dots
Date: Tuesday, October 27th, 3:00 PM (Online)
Nathan Holman, Physics PhD Graduate Student, Mark Eriksson, Faculty Advisor
Good luck, Nathan!

Upcoming Events

Department of Physics Event Calendar
See the departmental events calendar to be sure you don't miss any of the upcoming seminars, workshops, or journal clubs, workshops!

Electronic materials Ph.D. career panel
*Date: October 23rd, 2020; 4:00 PM - 5:00 PM (Online)*
Please RSVP [here](#) for a link to the discussion on Zoom.

UW-Madison Diversity Forum 2020
*Date: October 27th - October 28th, 2020 (Online)*
The 2020 UW–Madison Diversity Forum will be held virtually.

U.S. Department of Energy Internship Virtual Career Fair
*Date: October 29th, 2020; 11:00 AM - 3:00 PM ET (Online)*
Registration is now open [here](#).

Last Steps to Completing Your PhD Degree
*Date: November 5th, 2020; 12:00 - 1:30 PM (Online)*

UW-Madison Showcase 2020 Virtual Lunch & Learn Series: THE ROLE OF RACE IN THE WORKPLACE
*Date: December 3rd, 2020; 12:00 – 1:00 PM (Online)*

Grad Students Spring Semester Enrollment Begins
*Date: December 7th, 2020*
The full schedule of classes for Spring 2021 is targeted to be available in early December.

Call for Nominations - Awards for Mentoring Undergraduates in Research, Scholarly and Creative Activities
*Deadline: December 11th, 2020*

UW-Madison Winter Commencement
*Date: Sunday, December 13th, 2020 (Online)*
Everything you should know about the changes to the commencement related events scheduled for December.

Professional Development
The following items are event highlights from the UW-Madison Graduate School Office of Professional Development:

Exploring and Embracing the Impact of Strong Emotion: A Conversation with Ida Balderrama-Trudell
Thursday, October 29th, 2020; 11:30 AM–12:30 PM CT (Online)

Dissertation Writing Camps – January 2021
Deadline: November 6th, 2020
Winter Dissertation Writing Camp, which will take place January 4-8, 2020. Applications are here.

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Employment Opportunities

Postdoctoral Researcher in Quantum Biometry, NIST
For more information, please contact Elizabeth Goldschmidt

The Simons Collaboration on Ultra-Quantum Matter Postdoctoral positions
Deadline: November 15th, 2020

Postdoctoral Positions in quantum thermodynamics and information in the group of Nicole Yunger Halpern, QuICs
Deadline: December 1st, 2020
For more information, please contact Elizabeth Goldschmidt.

Faculty positions in Quantum Matter and Quantum Information Science, Perimeter Institute for Theoretical Physics
Deadline: December 1st, 2020
Two tenure-track Faculty positions in Quantum Matter and Quantum Information Science.

NSF Quantum Leap Challenge Institute, H-QAN, hiring three key staff positions
These are fantastic opportunities for individuals with a technical background who are ready to lead and contribute to the quantum information science and education ecosystem in the U.S. Please contact Prof. Brian DeMarco at UIUC with any questions.

- Program and Partnerships Manager (located in Champaign-Urbana)
- Director of Education (located in Chicago)
- Director of Outreach (located in Madison; job posting not yet available)

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Funding Opportunities

QISE-NET currently accepting applications
**Deadline: December 15, 2020**
Graduate students partner with industry or national labs to advance innovative research topics in quantum information science and engineering.

**Two Sigma Fellowships: Internal Nominations**
**Deadline: October 30th, 2020**
The Department of Physics can nominate 3 PhD students for EACH of the following fellowships: The Two Sigma PhD Fellowship and the Two Sigma Diversity PhD Fellowships. Full details about the fellowships are included below.

- 2021 Two Sigma PhD Fellowship
- 2021 Two Sigma Diversity PhD Fellowship
- Students Submit Information to Qualtrics Survey
- Faculty Advisors & Recommenders Submit Letters of Reference to BOX Folder

**2020 Student Research Grant Competition - Research Travel award and - Conference Presentation funds.**
**Deadline: December 31th, 2020**
Only students with dissertation status or final-year MFA students are eligible for SRGC awards. We plan to review eligibility criteria after the Fall 2020 application round.

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*This newsletter is for Ph.D. students in Physics at UW–Madison; we update the mailing list at the start of each semester. Please contact phddigest@physics.wisc.edu with any questions.*